

Postdoctoral Researcher Position in Experimental Neutrino Physics

The experimental particle physics group at Louisiana State University invites applications for a postdoctoral researcher position to work on the neutrino long baseline experiment T2K. The principal scientific goal of T2K is to study neutrino oscillations and, in particular, measure the mixing angle θ_{13} . Our near term responsibilities on T2K focus on the installation and commissioning of the near detector. The group is also involved in simulations and the preparation of analysis tools for the start of the experiment in April 2009. Besides the T2K/Super-Kamiokande experiments in Japan, projects of the neutrino group at LSU include the Sudbury Neutrino Observatory (SNO), and the MiniBooNE experiment at Fermilab.

The successful candidate will be expected to take a leading role in T2K data analysis, contribute to the installation and commissioning of the T2K near detector and help with supervision of graduate students. Hardware experience as well as proficient C++ programming skills would be an asset. A Ph.D., or equivalent degree, in experimental particle physics or related fields is required. Travel to Japan will be expected. Salary will be commensurate with qualifications and experience. Qualified candidates should send an application and arrange for three letters of reference to be sent directly to:

Prof. Thomas Kutter
Department of Physics and Astronomy
Louisiana State University
Baton Rouge, LA 70803-4001
kutter@phys.lsu.edu

Applications should include a curriculum vita, a list of publications and a brief statement of research experience and interests. For inquiries regarding this position or electronic submission of applications please email kutter@phys.lsu.edu. Review of complete applications will start immediately and continues until a suitable candidate is selected. LSU IS AN EQUAL OPPORTUNITY/EQUAL ACCESS EMPLOYER.